

ATTACHMENT B

Marked Up Replacement Claims

Following herewith is a marked up copy of each rewritten claim together with all other pending claims.

1. (amended) A supramolecular assembly comprising a plurality of hydrogen bonded molecules, each molecule contains regularly spaced, multiple site hydrogen bonding groups and wherein at least a proportion of the molecules are bonded to other molecules at sites other than at terminal locations.
2. (amended) An assembly as claimed in claim 1 wherein the hydrogen bonded molecules are pharmacologically acceptable.
3. (amended) An assembly as claimed in claim 1 ~~or claim 2~~ wherein the hydrogen bonding sites are separated by hydrophobic moieties.
4. (amended) An assembly as claimed in ~~any one of claims 1 to 3~~ claim 1 wherein the hydrophobic moiety is derived from an alkyl diacid or functional derivative thereof.
5. (amended) A compound that is capable of being hydrogen bonded to form a supramolecular assembly having the general formula (I):



where:

A may be the same or different and is a moiety containing at least one hydrogen bond donor and/or acceptor sites,

N may be the same or different and is a moiety containing at least one hydrogen bond donor and/or acceptor,

X may be the same or different and is a difunctional spacer linkage or unit, and

n is an integer having a value of at lease one.

6. (amended) A compound as claimed in claim 5 wherein the moieties A and N₇ contain hydroxyl or carboxyl groups.

7. (amended) A compound claimed in claim 5 ~~or claim 6~~ wherein A is an aromatic moiety of the general formula (II):



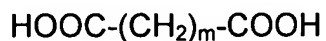
Where Ar is an unsubstituted or substituted aromatic nucleus.

8. (amended) A compound as claimed in ~~any of claims 7~~ wherein Ar is phenyl or benzyl.

9. (amended) A compound as claimed in ~~any of claims 5 to 8~~ wherein the compound of Formula (II) is 2,5-dihydroxybenzoic acid or 2,3-dihydroxybenzoic acid.

10. (amended) A compound as claimed in ~~any of claims 5 to 9~~ claim 5 wherein N is a moiety containing at least three hydrogen bond acceptance or donation sites.

11. (amended) A compound as claimed in ~~any of claims 5 to 10~~ claim 5 wherein X is an alkyl diacid of the general formula:



wherein m is an integer having a value of at least 2, or a functional derivative thereof

12. (amended) A compound as claimed in claim 11 wherein X is derived from dodecanedioic-, decanedioic-, octanedioic- or hexanedioic acids or an acid chloride thereof.

13. (amended) An assembly comprising the aggregation of compounds of the general formula (I) as defined in claim 5.

14. (amended) An ~~artefact~~artifact manufactured from an assembly as claimed in any one of claims 1 to 4 or from a compound as claimed in any one of claims 5 to 13.

15. (new) An artifact manufactured from a compound as claimed in claim 5.

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